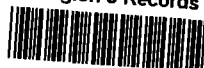


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I 3
2/21/02

EPA Region 5 Records Ctr.



284582

I. HEADING

DATE: February 21, 2002

SUBJECT: POLREP for the Lefton Iron and Metal Removal Site, East St. Louis, St. Clair County, Illinois

FROM: Kevin Turner, Michael Harris, Thomas Cook, U.S. EPA OSC, Region 5.

TO: C. Stanton, U.S. EPA, OSWER, Washington D.C. (stanton.colby@epa.gov)
R. Karl, U.S. EPA, ERB Chief, Chicago, IL (karl.richard@epa.gov)
T. Geishecker, U.S. EPA, Acting Chief Section 2, Chicago, IL (geishecker.thomas@epa.gov)
L. Nachowicz, U.S. EPA, Chief Section 3, Chicago, IL
... (nachowicz.linda@epa.gov)
B. Messenger, U.S. EPA, Chief EES, Chicago, IL (messenger.william@epa.gov)
V. Mullins, U. S. EPA, Enforcement, Chicago, IL
.....(mullins.valerie@epa.gov)
D.de Blasio, U.S. EPA, Public Affairs, Chicago, IL (de blasio.donald@epa.gov)
T. Martin, U.S. EPA, ORC, Chicago, IL (martin.thomas@epa.gov)
J. Maritote, U.S. EPA, Chicago, IL (maritote.john@epa.gov)
N. Emeric, U. S. EPA, Chicago, IL
..... (emeric.noemi@epa.gov)
B. Everetts, Illinois EPA, Springfield, IL
.. (bruce.everetts@epa.state.il.us)
T. Miller, Illinois EPA, Collinsville, IL
..... (tom.miller@epa.state.il.us)

POLREP #: POLREP #5

II. BACKGROUND

Response Authority: CERCLA (# ILD984809244)
NPL Status: Non-NPL
Latitude: 38°36'41"N (205 South 17th Street) 38°36'29" N (1901 South Converse Street)
Longitude: 90°08'55"W 90°08'49" W
State Notification: October 24, 2001
Start Date: October 24, 2001
Completion Date: May 30, 2002 (anticipated)

III. SITE INFORMATION

A. Incident Category

Time critical scrap steel and soil removal from a former scrap metal recycling facility.

B. Site Description

1. Site location

The Lefton Iron & Metal Site ("Site") consist of two (2) physically separated locations within the city

boundaries of East St. Louis, Illinois. Lefton West, 205 South 17th Street, is bounded by railroad tracks to the northeast, 17th Street on the southeast, Brady Avenue on the southwest, and a commercial business to the northwest. Lefton East, 1901 Converse Avenue, is bordered by Brady Avenue on the northeast, 19th Street on the northwest, Converse Avenue on the southwest, and a residential area on the southeast

2. Description of threat

See initial POLREP for details.

3. Site background

See initial POLREP for details.

4. State and local actions to date

See initial POLREP for details.

IV. SITE INFORMATION

A. Situation

1. Response activities to date

Work began on the site in October 2001 with the following:

- An on-site security guard was contracted to maintain site security after regular business hours. An access road and parking area was constructed as to allow the expedition of current and future Site activities. A segregation area has been created to aid in the on-site separation of tires, crushed and intact drum carcasses, compressed gas cylinders, and other miscellaneous articles.
- A designated (clean) area was identified for the purpose to facilitate scrap steel sorting and loading for ultimate transshipment to a thermal processing facility. On December 10, 2001, ERRS personnel initiated scrap steel removal activities at the Lefton East property. Scrap steel collected for the Lefton East location is being transported to the segregation area located at the Lefton West Site.
- On December 11, 2001, a total of thirteen (13) practice (dummy) bombs were transported to nearby Columbia Quarry in order to prepare said bombs for scrap disposition via controlled detonation. Upon arrival, personnel from the 932nd Explosive Ordnance Disposal Unit from Scott Air Force Base detonated explosive charges placed upon practice bombs in order to allow removal of the sand filled core. Upon completion, all remnant scrap materials were returned to the Site for scrap recycling.
- Approximately 4800 tires to date were removed from the Site and disposed under the Illinois EPA (IEPA) tire recycling program.
- A site grid system has been established for XRF sampling to identify heavy metals contamination within the Site soil matrix. XRF screening of surface soils at both properties were completed on January 11, 2002.
- Buildings located on the Lefton West property have been stabilized, secured and cleaned of oil

residues.

- Post excavation confirmation sampling activities at the Lefton West property commenced on January 28, 2002. Samples will be collected and posted on an ongoing basis prior to delivery and placement of clean backfill.
- Disposal of non-hazardous soils to the Roxana Subtitle Class "D" landfill was initiated on January 29, 2002.

B. Planned Removal Activities

- Ongoing operations will process an unspecified amount of scrap steel for off-site disposal.
- Ongoing requirements to excavate, sample, load and transport an unspecified amount of impacted soil to an off-site disposal facility. A track loader was delivered to assist with soil translocation and loading requirements.
- Off-site disposal of scrap railroad ties commenced on January 23, 2002.
- Shipments of non-hazardous soil to a local landfill were initiated on January 29, 2002. Additional truck shipments will occur as allowed. Soil stockpiles continued to be sampled in 1000 cubic yard increments to satisfy landfill acceptance criteria.
- Due to extensive amounts of PCB (>50 ppm) impacted soil, bids were solicited, received and a contract was awarded with a TSCA approved landfill operated by Safety-Kleen International in Lone Mountain, Oklahoma.

C. Next Steps

- Due to economic savings obtained by rail transportation and disposal of PCB impacted soil, upgrades to the existing rail loading spur at the Lefton East property must be performed. Additionally, a temporary haul road will be installed at Lefton East after soil removal and confirmation testing is performed.
- Two 30-ton articulated dump trucks will be used to relocate >50 ppm PCB impacted soils from the Lefton West site.
- A rubber tire loader will be used to place PCB impacted soils into gondola rail cars and to facilitate movement of the gondola rail cars on and off the adjacent rail spur.
- Coordination with personnel from Illinois Department of Nuclear Safety regarding the disposal of refractory brick with radiological concerns slightly above background levels.

D. Key Issues

- Site activities could be delayed due to various weather conditions.
- Due to the escalating amounts of PCB impacted soils, the volume of soil for off-site disposal may vary.

V. COSTS

	<u>Cost to date</u>	<u>Ceiling</u>	<u>% Remaining</u>
ERRS	\$ 628,638.21	\$ 2,923,067.00	78.49 %
START	\$ 44,915.72	\$ 65,000.00	30.89 %
EPA	<u>\$ 16,700.00</u>	<u>\$ 51,300.00</u>	<u>67.44 %</u>
TOTAL	\$ 690,253.93	\$ 3,039,367.00	Ave. of 58.94 %

The above accounting of expenditures is an estimate based upon figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

<u>Waste stream</u>	<u>Media</u>	<u>Quantity</u>	<u>Transportation</u>	<u>Treatment</u>	<u>Disposal</u>
Scrap	Steel	2911.50 Tons	Truck	Thermal	Recycle
Creosote	RR Ties	126.41 Tons	Truck	NA	Landfill
Lead	Soil (non-hazardous)	5543.21 Tons	Truck	NA	Landfill
PCB's	Soil (hazardous)	0.00 Tons	Rail	NA	Landfill